LINKSYS® by Cisco

Optimized for Video

The Wireless-N Access Point with Dual-Band adds wireless capability to your existing wired network, or upgrades older wireless networks to Wireless-N performance. The perfect partner to the Wireless-N Ethernet Bridge (WET610N), it's optimized to reduce video glitches.

Wireless Convenience

You've got the network – now enhance it with Wireless-N access. Now it's easy to grow your network by adding computers, printers and other wireless devices, without stringing cables. Also compatible with Wireless-G and -B devices. Reliable connectivity allows you to move your laptops, or set up your devices all around your home or office.

Easy Configuration

Push-button setup helps make it simple to add devices to your new wireless network. With Wi-Fi Protected Setup™, you just push a button on the Access Point and on your other device to automatically create the wireless connection. Device and security configuration is a snap with the browser-based configuration utility.

Secure Wireless

To help protect your data and privacy, all wireless transmissions can be encrypted with industrial-strength Wi-Fi Protected Access (WPA) security.

DATASHEET

High speed and great range, optimized for streaming video

Pushbutton setup for easy connections

Radio band selectable to help avoid interference

Wireless-N Access Point with Dual-Band

Model: **WAP610N (EU)**

Features

- Add wireless capability to your existing wired network, or upgrade older wireless networks to Wireless-N performance
- Wireless-N technology uses multiple radios per band to create robust signals for better range and speed, with reduced dead spots
- Works in your choice of 2.4 or 5GHz radio bands to minimize interference
- Special circuitry helps create a strong, stable link to reduce video glitches
- The perfect partner to the Wireless-N Ethernet Bridge (WET610N) for wireless video streaming
- Wi-Fi Protected Setup™ helps make secure connections pushbutton simple
- Universal compatibility – also connects Wireless-N, -G, -B, and -A devices to your network

Specifications

Model	WAP610N
Standards	IEEE 802.3u, 802.11g, 802.11b, 802.11a, draft 802.11n
LEDs	Power, Ethernet, Wi-Fi Protected Setup™, Wireless
Ports	Ethernet, Power
Buttons	Reset, Wi-Fi Protected Setup™
Cabling Type	Category 5
# of Antennas	3 (internal)
Modulations	802.11a: OFDM/BPSK, QPSK, 16-QAM, 64-QAM 802.11b: CCK/QPSK, BPSK 802.11g: OFDM/BPSK, QPSK, 16-QAM, 64-QAM 802.11n: OFDM/BPSK, QPSK, 16-QAM, 64-QAM "
RF Power (EIRP) in dBm	802.11a: 15dBm (typical) @ 54Mbps 802.11b: 18dBm (typical) @ 11Mbps 802.11g: 16dBm (typical) @ 54Mbps 802.11n: 12dBm (typical) @ 130Mbps (HT20), 270Mbps (HT40)
Receive Sensitivity in dBm	802.11a: -72dBm (typical) @ 54Mbps 802.11b: -85dBm (typical) @ 11Mbps 802.11g: -73dBm (typical) @ 54Mbps 802.11n: -70dBm (typical) @ MCS15/2.4GHz, -69dBm (typical) @ MCS15/5.0GHz
Antenna Gain in dBi	1.58(max) for 2.4 GHz and 1.45(max) for 5 GHz
Wireless Security	WEP, Wi-Fi Protected Access™ 2 (WPA2)
Security key bits	Up to 128-bit encryption
OS Requirements	Windows XP, Vista, or Vista 64-bit edition with latest updates (for Setup Wizard only)

Environmental

Dimensions	145 x 106 x 52 mm
Weight	159 g
Power	12V, 1A
Certification	FCC, UL/cUL, ICES-003, RSS210, Wi-Fi (IEEE 802.11a/b/g/ draft n), WPA2™, Wi-Fi Protected Setup™
Operating Temperature	0 to 40ºC
Storage Temperature	-20 to 60ºC
Operating Humidity	10 to 85%, Noncondensing
Storage Humidity	5 to 90%, Noncondensing

Package Contents

- Wireless-N Access Point with Dual-Band
- Setup Software and User Guide on CD-ROM
- Quick Installation Guide
- Network Cable
- Power Adapter

Minimum Requirements

- Wired or Wireless Router
- Wireless Network Adapter or Wireless Ethernet Bridge (802.11g, 802.11b, 802.11a, or draft 802.11n compliant)
- Internet Explorer 6, or Firefox 2 or Higher for Browser-Based Configuration
- PC with CD-ROM Drive (for Setup Wizard only)
- Setup Wizard Requires Windows XP, Vista, or Vista 64-bit Edition with Latest Updates

Cisco Consumer Business Group

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The maximum performance for wireless is derived from IEEE Standard 802.11 specifications. Actual performance can vary, including lower wireless network capacity, data throughput rate, range and coverage. Performance depends on many factors, conditions and variables, including distance from the access point, volume of network traffic, building materials and construction, operating system used, mix of wireless products used, interference and other adverse conditions.

Specifications are subject to change without notice.

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